

L 4491-66

ACC NR: AP5024658

tion on absorption in the Bi and Cu (spins 9/2 and 3/2) targets would be greater than that on absorption in the Pb and Fe (spin 0) targets, owing to spin-spin interaction. No neutron anisotropy greater than the experimental error was observed with the Bi and Cu targets, and definite and approximately equal anisotropies were observed with the Pb and Fe targets. It is concluded that the depolarization of negative muons on absorption in Pb and Fe is about two times less than predicted by A.Ye. Ignatenko et al. (Zh. eksperim. i teor. fiz., 35, 894 (1958)) and that negative muons are practically completely depolarized on absorption in Bi and Cu. Orig. art. has: 3 formulas and 1 table.

SUB CODE: NP/ SUBM DATE: 00/ ORG REF: 012/ OTH REF: 001

PC

Card 2/2

CHEREBAYEV, A.

Leading and backward district financial departments. Fin.SSSR 19
no.8:63-65 Ag '58. (MIRA 11:9)

1. Zamestitel' sveduyushchego Taldy-Kurganskim oblfinatdelom.
(Taldy-Kurgan Province--Tax collection)

CHERVINSKIY, K.A.; CHEREBTSOVA, L.P.

Nature of the limiting yield in the liquid-phase oxidation
of p-xylene. *Kin. i kat.* 6 no.5:792-796 S-O '65.

(MIRA 18:11)

1. Dnepropetrovskiy khimiko-tekhnologicheskoy institut imeni
Dzerzhinskogo.

GENKIN, N.B.; CHERECHUKIN, N.M. (Moskva)

Waterspouts on Issyk-Kul. Priroda 49 no.5:104 My '60.
(MIRA 13:5)

(Issyk-Kul--Waterspouts)

Chereda, V.

CHEREDA, V.

Curtailing idle periods of trucks transporting grains. Avt.transp.
35 no.2:12 F '57. (MIRA 10:12)
(Motortrucks) (Grain--Transportation)

KIRICHEK, M.A.; SOKOLOVA, V.V.; CHEREDEYEV, I.V.

Results of using the electric profiling method in northeastern
Sakhalin. Razved.i prom.geofiz. no.44:67-77 '62. (MIRA 15:7)
(Sakhalin--Electric prospecting)

KHASANOVA, M.R.; CHEREDEYEVA, V.S.; SAVOS'KIN, I.P.

Tetraploid forms of promising early varieties of sugar beets.
Izv. SO AN SSSR no.8. Ser. biol.-med. nauk no.2:90-93 '65.
(MIRA 18:9)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

CHEREDYEVA, Ye.A.

**Reparative regeneration of the lymph hearts in frogs. Doklady Akad.
nauk SSSR 92 no.4:847-850 1 Oct 1953. (CML 25:4)**

**1. Presented by Academician N. N. Anichkov 5 August 1953. 2. Institute
of Experimental Medicine of the Academy of Medical Sciences USSR.**

USSR/Human and Animal Morphology (Normal and Pathological)

S-2

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 55044

Author : Mikhaylov, V.F., Voronin, G.N., ~~Cheredayev, Ya. A.~~
Inst : Academy of Medical Sciences USSR, Institute of Experimental
Medicine.

Title : Investigations of Some of the Gastro-Intestinal Tract Sec-
tions in White Rats in Experimental Neurotic States.

Orig Pub : Yezhogodnik. In-t eksperm. med. Akad. med. nauk SSSR, 1955,
L., 1956, 386-390

Abstract : Morphological changes of any kind were not discovered in the
intestinal tracts of white rats when inhibited or irritated
states existed, except for some insignificant displacement
within the mitotic regimen of the colon's epithelial cells.

Cord : 1/1

CHEREDEYEVA, Ye.A.

USSR/General Problems of Pathology - Tumors.

T-5

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17308

Author : Cheredeyeva, Ye.A.

Inst : ~~Cheredeyeva, Ye.A.~~

Title : Histologic Studies of Experimental Tumors of the Skeletal Musculature.

Orig Pub : V sb.: Vopr. onkologii. Vyp. 8, M.L., Medgiz, 1955, 68-86

Abstract : An injection of sunflower oil alone or in combination with 9,10-dimethyl-1,2-benzanthracene into the bulk of the skeletal musculature was followed by dedifferentiation of the muscle fibers. If alterations were limited to a small section of the fiber, myoblasts or buds appeared within them; the dedifferentiation of a large segment of the fiber assumed the appearance of the myosimplast from which, in turn, myoblasts were released. In addition, in some cases, a longitudinal splitting of the muscle elements was observed. At times the fibers disintegrated into large transverse or

Card 1/2

USSR/General Problems of Pathology - Tumors.

T-5

Abs Jour : Ref Zhur - Biol., No 4, 1958, 17308

oblique fragments from which nucleo-plasmic sections later separated. Oleogranulomas were formed around the oil droplets. Dedifferentiated fibers became involved in the capsule of the oleogranuloma. Rhabdomyoblastomas appeared in some animals 3-3.5 months after an injection of the carcinogen. They originated from dedifferentiated as well as unaltered muscle fibers. The structure of the latter became simplified during the process of malignant transformation.

Card 2/2

NEVEL'SON, M.I.; NIKITIN, A.I.; YANISHEVSKIY, V.V.; BOYKO, G.G.; KUZNETSOV,
N.I.; BULANOVA, I.A.; GORSHKOV, V.I.; KATSMAN, I.A.; KUKAYEVA, YE.V.;
RYZHOVA, V.V.; TUROBOVA, V.I.; CHEREDEYEVA, Ye.M.; KOSHELKIN, M.V.

Development of highly efficient ventilator models ORGRES operating
according to a 0.68-161° system for electric power plants. Prom.
energ. 18 no.7:8-9 JI '63. (MIRA 16:9)

(Electric power plants—Electric equipment)
(Fans, Electric)

CHERNYSHEV, M.P.; ROZHKOV, L.P.; SHUL'GINA, Ye.F.; IGNATOVICH, A.F.;
LABUNSKAYA, L.S.; FOMINA, T.V.; CHERNYAKOVA, A.P.; SEPAKOVA,
L.N.; TARASOVA, M.K.; ANFILATOVA, A.I.; SLAVIN, L.B.;
BARYSHEVSKAYA, G.I.; DERIGLAZOVA, N.V.; MATUSHEVSKIY, G.V.;
AL'TMAN, E.N.; KROPACHEV, L.N.; CHEREDILOV, B.F.; POTAPOV,
A.T.; DUDCHIK, M.K.; REGENTOVSKIY, V.S.; YERMAKOVA, L.F.;
SEMELOVA, Ye.A.; KULIKOVSKIY, I.I.; KIRYUKHIN, V.G.; AKSENOV,
A.A., red.; NEDOSHIVINA, T.G., red.; SERGEYEV, A.N., tekhn.
red.; BRAYNINA, M.I., tekhn. red.

[Hydrometeorological handbook of the Sea of Azov] Gidrometeorologicheskii spravochnik Azovskogo moria. Pod red. A.A.Aksenova. Leningrad, Gidrometeoizdat, 1962. 855 p. (MIRA 16:7)

1. Gidrometeorologicheskaya observatoriya Chernogo i Azovskogo morey.

(Azov, Sea of--Hydrometeorology)

L 05854-67 ENT(1) GW

ACC NR: AT6007101

(N)

SOURCE CODE: UR/3194/65/000/003/0054/0059

AUTHOR: Cheredilov, B. F.

14

ORG: none

B + 1

TITLE: Approximate evaluation of factors promoting seasonal changes of the gradient component of the current in the Eastern Black Sea

SOURCE: Basseynovaya gidrometeorologicheskaya observatoriya Chernogo i Azovskogo morey. Sbornik rabot, no. 3, 1965, 54-59

TOPIC TAGS: ocean current, temperature distribution, weather chart, ocean temperature

ABSTRACT: In this article an attempt is made to establish the periods during which an appreciable change of the gradient component of the total flow should be observed by estimating the variation of factors causing density circulation. The dependence of the gradient current on coastal discharge and the temperature conditions of the sea is examined. The analysis revealed that seasonal changes of coastal discharge near the Caucasian shores of the Black Sea do not have a noticeable effect on currents, whereas seasonal changes of water temperature in the 0-50 m layer do affect the currents. The author recommends that mean charts of the gradient currents be plotted for the periods: December-February, March-May, June-July, August-September, October-November. Orig. art. has: 1 formula and 5 figures.

SUB CODE: 08/ SUBM DATE: none KH

Cord 1/1

UDC: 551.465

TUMANOV, V.I. (Moskva); FUNKE, V.F. (Moskva); BASKIN, M.L. (Moskva);
NOVIKOVA, T.A. (Moskva); Primali uchastiye: GRIGORENKO, L.G.;
CHEREDINOV, A.A.

Physical properties of tungsten carbide-cobalt alloys. Izv.
AN SSSR. Otd. tekhn. nauk. Met. i topl. no.6:144-148 N-D '61.
(MIRA 14:12)

(Tungsten---Cobalt alloys)

TUMANOV, V.I.; BASKIN, M.L.; ANDERS, N.R.; Prinimali uchastiye:

GEIGORENKO, L.G.; CHEREDINOV, A.A.

~~Certain properties of hard tungsten-cobalt alloys.~~ TSvet. met.

34 no.12:68-73 D '61.

(MIRA 14:12)

(Tungsten-cobalt alloys--Testing)

BASKIN, M.L.; TRET'YAKOV, V.I.; CHAPOROVA, I.N.; Prinsipali uchastiye:
ANIKINA, N.S.; GRIGORENKO, L.G.; CHEREDINOV, A.A.

Diffusion of tungsten in monocarbides of tungsten, tantalum,
and in TiWC and TiWCTaC solid solutions. Fiz. met. i
metalloved. 14 no.3:422-427 S '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh
splavov.

(Tungsten) (Diffusion)

CHEKMENEV, Nikolay Modestovich; KRIVOBOKOV, Ivan Andreyevich, inzh.;
~~CHEREDKOV, Mikhail Nikolayevich, inzh.; KAZAKOV, A.A., kand.~~
tekh. nauk, retsenzent; MEL'NIKOVA, V.I., inzh., retsenzent;
~~KHOMAKOVA, Z.P., tekhn., retsenzent; MARSHALOVA, I., insh., red.;~~
USENKO, L.A., tekhn. red.

[Signaling systems, their installation and maintenance] Ustroi-
stva STsB, ikh montazh i soderzhanie. Moskva, Transzheldor-
izdat, 1962. 412 p. (MIRA 15:11)

(Railroads—Sginaling—Block system)

KORNILOV, Yu.D., kand.ekon.nauk, dots.; Cheredkov, S.N., kand.vet.nauk;
YAKIMCHIK, V.F., zootekhnik

Reducing the cost of artificial insemination of cows. Zhivot-
novodstvo 21 no.6:23-25 Je '59. (MIRA 12:8)

1. Vitebskiy veterinarnyy institut (for Kornilov). 2. Zaveduyu-
shchiy Vitebskoy gosudarstvennoy mezhrayonnoy stantsiyey iskusstven-
nogo osemeneniya zhivotnykh (for Cheredkov).
(White Russia—Artificial insemination)

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
CHEREDKOV, V. N.																										11F																									
Gastric secretion in a horse with gastric fistula. S. V. Igurov and V. N. Cheredkov. <i>Russ. J. Physiol.</i> 10, 520-4 (1933).—A fasting horse secreted 10-30 l. daily of gastric juice, during 2.5 days; gastric juice had a total acidity of 0.22, free HCl 0.14, and a digestive capacity of 3.5 (Mettl). Food residues were absent after 1.5 days.																																																			
ASH-514 METALLURGICAL LITERATURE CLASSIFICATION																																																			

CHEREDKOV, V. N.

Chief editor-

Leningradskiy institut usovershenstvovaniya veterinarnykh vrachey (Leningrad Institute for the Advancement of Veterinarians). Jubilee collection of scientific works. Moscow-Leningrad. Sel'khozgiz, 1950. 183 pages with illustrations.

U-5235

CHEREDKOV, V.N.

Khirurgiia i ortopediia (Surgery
and orthopedics). Per. s 4-go ispr. i dopol. izd.
Kiev, Sel'khozgiz, Ukr. SSR, 1952. 500 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

CHEREMKOV, V.N.

[Surgery and orthopedics] Khirurgiia i ortopediia. 5-e izd. Moskva,
Sel'khozgiz, 1954. 608 p. (MIRA 7:12D)

COUNTRY : USSR
 CATEGORY : Farm Animals. Q
 Cattle.
 ABS. JOUR. : RZhBiol., No.3, 1959, No. 12013
 AUTHOR : Cheredkov, V. N.; Flyashchenko, S. I.*
 INST. : Grodno Institute of Agriculture.
 TITLE : An Experiment on Feeding Corn Silage to Milch
 Cows. 1st Report.
 ORIG. PUB. : Tr. Grodnensk. s-kh. in-ta, 1957, vyp. 3,
 173-191
 ABSTRACT : It was established that cows with a live
 weight of 500 kg and an average daily milk
 yield of 10-15 kg consumed an average of 20.9
 kg of corn silage daily when it was fed to
 them as the only juicy feed and they consumed
 15.3 kg of it daily when it was combined with
 beets. Feeding corn silage as the only juicy
 feed did not reduce milk yields and did not
 affect the cows' physiological state of health.
 -- F. M. Kazantsev
 See also: Energy Metabolism in Calves, 12417

Card:

1/2

*Shumskiy, P. I.; Baranov, N. N.; Byelova,
 V. A.

Country : USSR
Category : Human and Animal Physiology. T
Digestion. General Problems.
Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106530
Author : Cheredkov, V. N.
Institut. : Grodno Institute of Agriculture.
Title : Employing Artificially Produced Fistulae with-
out Cannulae for Physiological Experiments on
Animals.
Orig Pub. : Tr. Grodnensk. s.-kh. in-ta, 1957, vyp. 3,
223-235
Abstract : No abstract.

Card: 1/1

USSR/Human and Animal Physiology - (Normal and Pathological). T
Digestion. The Stomach.

Abs Jour : Ref Zhur Biol., No 4, 1959, 17563

Author : Cheredkov, V.N.

Inst : Grodno Agricultural Institute

Title : Some Physiological Experiments on Horse and Cow with
Canulla-Free Stomach Fistula.

Orig Pub : Tr. Grodnensk. s.-kh. in-ta, 1957, vyp. 3, 236-244

Abstract : No abstract.

Card 1/1

CHEREDKOV, V. N., Doc Vet Sci (diss) -- "Superposition of a cannula-free fistula in animals for purposes of physiological experimentation". Leningrad, 1959.
31 pp (Min Agric USSR, Leningrad Vet Inst), 150 copies (KL, No 23, 1959, 170)

CHEREDKOVA, A. N. (Lecturer) and NEKRASOVA, M. A. (Asst. Dept. of Normal Physiology)

"Effect of iodcasein on the secretory and motor function of the stomach in dog and pig", Collected Works No. 14, of Leningrad Veterinary Institute USSR Ministry of Agriculture, P 104, Sel'khozgiz, 1954.

USSR/ Farm Animals. Swine.

Q

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40480.

Author : ~~Cheredkova, A. N.~~

Inst : Not given.

Title : The Effect of Certain Complex Nutritive Substances on Gastric Secretion in Swine.

Orig Pub: Sb. rabot. Leningr. vet. in-t, 1957, vyp. 16, 124-129.

Abstract: The results of the analyses of the gastric juice of 6 pigs (of these, 3 pigs had Pavlov's stomachs and fistulas, and 3 had only fistulas) are described. It was found that with the introduction of the mixtures such as mangel juice with oats water, potatoes with meat broth, and hay decoction with mangel juice into the stomach, and harmful action of vegetables decreases and the function of gastric glands increases.

Card 1/1

CHERNEDKOVA, A.N., Doc Bio Sci—(diss) "Characteristics of the secretory gastric activity in hogs ^{fed} upon ~~feeding~~ ^{of them} various nutritive substances and ~~their~~ mixtures, and certain data on the mechanism of the regulation of the functions of gastric glands." Len, 1958.
24 pp (Min of Agr USSR. Len Vet Inst), 200 copies (KL,22-58,105)

-51-

CHEREDKOVA, K.I.

PITIN, R.N.; YEREMIN, Y.V.; CHEREDKOVA, K.I.

Penetrability of Kuznetsk Basin coals from the Iuzhno-Abinsk deposits.
Trudy IG1 7:85-93 '57. (MIRA 10:6)

(Kuznetsk Basin--Coal--Testing)

YEREMIN, I.V., kand.tekhn.nauk; PYTIN, R.N., kand.tekhn.nauk;
CHEREDKOVA, K.I.

Permeability to gas and the fracturing of some Kuznetsk Basin
coals. Podzem.gaz.ugl. no.4:13-17 '59. (MIRA 13:4)

1. Institut goryuchikh iskopayemykh AN SSSR,
(Coal gasification, Underground)

PITIN, R.N., kand. tekhn. nauk; ~~CHEREDKOVA, K.I.~~

Effect of the rate of blow on the speed of drifting of combustion zones to the stage of connecting channels in underground coal gasification. Podzem. gaz. ugl. no.1:30-35 '59.

(MIRA 12:6)

1. Institut goryuchikh iskopayemykh AN SSSR.
(Coal gasification, Underground)

PITIN, R.N.; CHEREDKOVA, K.I.

Effect of the oxygen concentration in the air blast on the displacement rate of combustion zones at the formation stage of channel connections in underground gasification. Trudy IGI 13:61-70 '60.

(MIRA 14:5)

(Coal gasification, Underground)

PITIN, R.N.; CHEREDKOVA, K.I.

Displacement rate of combustion zones and fuel moisture at the
formation stage of borehole connections in the underground gasifica-
tion. Trudy IGI 13:71-74 '60. (MIRA 14:5)
(Coal gasification, Underground)

PITIN, R.N.; CHEREDKOVA, K.I.

Shifting of gasification zones and its thermal effect on fuel.

Trudy IGI 16:276-283 '61.

(MIRA 16:7)

(Coal gasification, Underground)

L 21815-66 EWT(1)/EWT(m)/T (N) WW/JW/WE/GS

ACC NR: AT6004587

SOURCE CODE: UR/0000/65/000/000/0112/0119

AUTHOR: Kantorovich, B. V. (Doctor of technical sciences, Professor); Pitin, R. N.; Cheredkova, K. I.

ORG: none

2/44-55
TITLE: Investigation of the conductivity of gas-air flame containing solid fuel particles

SOURCE: AN SSSR. Institut goryuchikh iskopayemykh. Novyye metody szhiganiya topliv i voprosy teorii goreniya (New methods in the combustion of fuels and problems in the theory of combustion). Moscow, Izd-vo Nauka, 1965, 112-119

TOPIC TAGS: flame temperature, electric conductance, temperature distribution, combustion temperature

ABSTRACT: The effect of solid fuel particles on electric conductivity and temperature distribution along the axis of a flame obtained by burning of methane-air mixture were investigated. In all experiments the air excess coefficient α was equal to 0.95 and the burning gas mixture flow rate was equal to 4.5 m/sec. The diameter of the solid particles varied with 0-250 microns and their concentration in

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L 21815-66
ACC NR: AT6004587

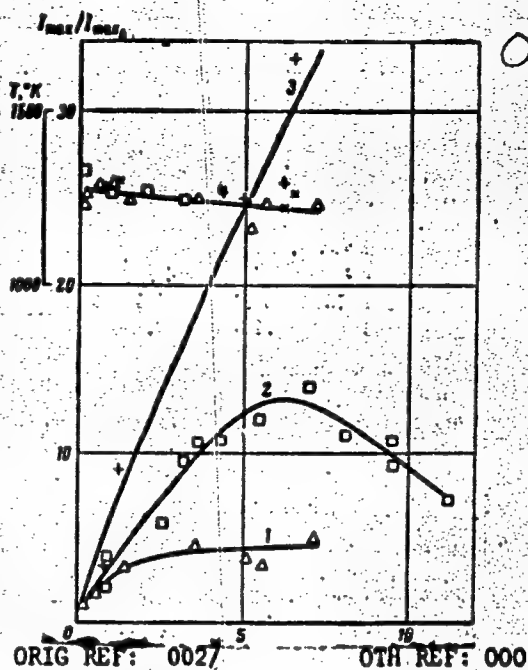
the gas mixture varied with 0-5.7%. The solid particles were made of lignite from Moscow Oblast, shale, hard coal from Polysayev and coke. These solid fuels contained various quantities of BaO, Sr, Li, Rb, Cs, SiO₂, Al₂O₃, Mn₃O₄, Fe₂O₃, TiO₂, CaO, MgO, K₂O, and Na₂O. In general, the presence of solid particles in the methane-air flame results in increased flame electrical conductivity and in an extended region of high electrical conductivity as compared with solid free flames. The change of maximum electrical current and temperature of the flame due to the presence of various solid fuels is shown in figure 1. Orig. art. has: 6 figures, 2 tables.

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ACC NR: AT6004587

Fig. 1. 1, Δ--lignite from Moscow region;
2, []--Polysayevo hard coal; 3, ×--shale;
4--temperature curve



SUB CODE: 21/

SUBM DATE: 09Sep65/

ORIG REF: 0027

OTH REF: 000

Card 3/3

FB

L 14479-66 EWT(1)/EWT(m)/T IJP(c) WW/JW/JND/WE/GS 5

ACC NR: AT6004586

SOURCE CODE: UR/0000/65/000/000/0106/0111

AUTHOR: Alekseyev, A. M.; Kantorovich, B. V. (Doctor of technical sciences; Professor); Golovina, G. S.; Ivanov, V. M.; Pitin, R. N.; Ponnik, Yu. A.; Frenkina, Z. I.; Cheredakova, K. I.

ORG: none

TITLE: Study of the effect of a magnetic field on a stream of burning fuel 21, 44, 55 1124455

SOURCE: AN SSSR. Institut goryuchikh iskopyayemykh. Novyye metody szhiganiya topliv i voprosy teorii goreniya (New methods in the combustion of fuels and problems in the theory of combustion). Moscow, Izd-vo Nauka, 1965, 106-111.

TOPIC TAGS: combustion, propulsion, magnetic field, gas combustion

ABSTRACT: It has been previously shown that the shape of a flame can be substantially changed and the burning velocity can be increased by the application of a magnetic field. Therefore, the use of a magnetic field to intensify combustion processes is considered in the present study, by determining the effect of a magnetic field on a burning CH₄-oxygen jet issuing from a combustion chamber through a 19.5 x 9.4 mm nozzle into air. Two cooled poles of a magnet 120 mm long were placed 15 mm from the nozzle outlet to generate a magnetic induction of 16 kgs in the 10-mm-wide gap through which the jet passed. The velocity of the gas jet was close to sonic. Measurements were made of the velocity, the flame temperature, and concentrations along the axis in the presence and absence of the magnetic field. The results
Card 1/2

L 14479-66

ACC NR: AT6004586

showed that due to the magnetic field the flame temperature increased by 100—200C, the velocity decreased, and the dilution with ambient air decreased. These changes are attributed to the partial conversion of kinetic into thermal energy caused by the magnetic field. Orig. art. has: 5 figures. [PV]

SUB CODE: 21/ SUBM DATE: 09Sep63/ ORIG REF: 002/ ATD PRESS: 4/94

60
Card 2/2

MISHCHENKO, N.M., inzh.; BERDICHEVSKIY, Ye.Ye., inzh.; TERMINOSYAN, N.S.,
inzh.; KURILOV, A.I., inzh.; POLYAKOV, M.M., inzh.; DEMIDOVICH,
Ye.A., inzh.; PINDYURIN, N.I., inzh.; Primali uchastiye:
MALINOVSKIY, V.G.; MOLCHANOV, I.V.; MASHISHINA, M.P.; YEMCHENKO,
Ye.K.; CHEREDNICHENKO, A.A.; STEPANOV, V.A.; SKACHKOV, L.N.
[deceased]; KOSHMAN, A.I.; SHCHEKLIN, V.V.; CHUBATYUK, Ye.G.;
KHITOVA, Ye.Ye.; KOROBOVA, G.Z.; ROTMISTROVSKIY, B.M.; VEYSBEYN, A.D.

Increasing the efficiency of section tandem mills by the use of
repeaters. Stal' 23 no.3:236-241 Mr '63. (MIRA 16:5)

1. Yenakiyevskiy metallurgicheskiy zavod.
(Rolling mills—Equipment and supplies)

CHEREDNICHENKO, A.F.

DECEASED

1962/4

c1961

SEE ILC

ANIMAL MORPHOLOGY

CHEREDNICHENKO, A.I., Cand Geol Min Sci -- (diss) "Structural
conditions of the formation of ^{ore} ~~mineral~~ deposits of ~~the~~ north~~em~~
~~of~~ Saksaganskiy Rayon of Krivoy Rog." Kiev, 1958, 7 pp (Min
of Higher Education UkrSSR. Kiev State Univ im T.G. Shevchenko)
100 copies (KL, 23-58, 103)

- 29 -

CHEREDNICHENKO, A. I.

AUTHOR: Vilyunov, P.V. SOV-132-58-8-15/16

TITLE: A Conference in Krivoy Rog (Na soveshchanii v Krivom Roge)

PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 8, pp 61-62 (USSR)

ABSTRACT: In April 1958, a conference on the geology and origin of ferro-siliceous formations in the Ukraine was held in Krivoy Rog by the Academy of Sciences and the Central Geological Administration of the Ukrainian SSR. A total of 40 reports were read on the geologic structure of ferro-siliceous formations of the Ukraine and on the origin of rich iron ores of the Krivoy Rog basin. Active Member of the AS Ukr SSR, N.P. Semenenko, delivered a lecture on "Ferro-siliceous formations, their composition and location in the central part of the Ukrainian crystalline shield"; Ya.N. Belertsev, Member-Correspondent of the AS Ukr SSR, summed up the results of geological studies of the Krivoy Rog basin. He also lectured on the origin of iron ores in this basin, singling out three successive stages of ore formation in the basin: accumulation of sediments, their metamorphism and hypogenesis. Senior Geologist of the Leninruda Trust, A.T. Dzhezalov, developed a contradictory point of view on the hypogene origin of the rich iron ores. A.I. Cherednichenko

Card 1/2

A Conference in Krivoy Rog

SCV-132-58-8-15/16

(AS Ukr.SSR), delivered a lecture on structural condition of the formation of ore deposits in the northern part of the Saksagan belt. M.A. Dobrokhotoy, reported on deposits of the Kursk Magnetic Anomaly. By comparing them with deposits of the Krivoy Rog Basin, he proved their hypogene origin.

ASSOCIATION: Ministerstvo Geologii i Okhrany Nedr SSSR (The Ministry of Geology and Conservation of Mineral Resources of USSR)

1. Geologists--USSR 2. Iron ores--USSR

CARD 2/2

CHEREDNICHENKO, A.I. [Cherednychenko, O.I.]

Structural conditions determining the transition of Krivoy Rog
rocks from the incoherent state to the plastic state. Geol. zhur.
19 no.3:63-69 '59. (MIRA 12:10)
(Krivoy Rog Basin--Petrology)

CHEREDNICHENKO, O.I. [Cherednychenko, O.I.]

Regarding A.T. Dzheksalov's article "Distribution of iron deposits
in the Saknagan' region of the Krivoy Rog Basin". Geol. zhur. 19
no.5:86-88 '59. (MIRA 13:1)

(Krivoy Rog Basin--Iron ores)

CHEREDNICHENKO, A.I., inzhener-geolog

Methods of representing enclosing rocks of the Krivoy Rog Basin.
Sbor. nauch. trud. NIGRI no.2:284-290 '59. (MIRA 14:1)
(Krivoy Rog—Geology—Maps)

CHEREDNICHENKO, A.I. [Cherednichenko, A.I.]

"Charnockites in the Dniester Valley and general problems of
petrology" by O.I.Slensak. Reviewed by A.I.Cherednychenko.
Geol.zhur. 21 no.5:109-113 '61. (MIRA 14:10)

1. Institut geologicheskikh nauk AN USSR.
(Dniester Valley—Charnockite)
(Slensak, O.I.)

BELEVITSEV, Yakov Nikolayevich; Prinsipal uchastiye CHEREDNICHENKO, A.I.;
USENKO, I.S., doktor geol.-mineral.nauk, otv.red.; ZAVIRYUKINA,
V.N., red.izd-va; RAKHLINA, N.P., tekhn.red.

[Structural conditions in the formation of ore deposits] Struk-
turnye usloviia obrazovaniia rudnykh mestorozhdenii. Kiev. Izd-vo
Akad.nauk Ukrainakoi SSR, 1961. 232 p. (Akademiia nauk USSR, Kiev.
Instytut geologichnykh nauk. Trudy, no.7). (MIRA 15:2)
(Ore deposits) *

BELEVTSSEV, Ya.N.; FOMENKO, V.Yu.; NOTAROV, V.D.; MOLYAVKO, G.I.;
 MEL'NIK, Yu.P.; SIROSHTAN, R.I.; DOVGAN', M.N.; CHERNOVSKIY,
 M.I.; SHCHERBAKOVA, K.F.; ZAGORUYKO, L.G.; GOROSHNIKOV, B.I.;
 AKIMENKO, N.M.; SEMERGHEYEVA, Ye.A.; KUCHER, V.N.; TAKHTUYEV, G.V.;
 KALYAYEV, G.I.; ZARUBA, V.M.; NAZAROV, F.P.; MAKSIMOVICH, V.L.;
 STRUYEVA, G.M.; KARSHENBAUM, A.P.; SKARZHINSKAYA, T.A.;
 CHEREDNICHENKO, A.I.; GERSHOY, Yu.G.; PITADE, A.A.; RADUTSKAYA,
 P.D.; ZHILKINSKIY, S.I.; KAZAK, V.M.; KACHAN, V.G.; POLOVKO, N.I.,
 red.; LADIYEVA, V.D., red.; ZHUKOV, G.V., red.; YEPATKO, Yu.M.,
 red.; SLENZAK, O.I., red. izd-va; KULICHENKO, V.G., red.;
 RAKHLINA, N.P., tekhn. red.; MATVEYCHUK, A.A., tekhn. red.

[Geology of the Krivoy Rog iron ore deposits] Geologiya Krivo-
 rozhsikh zhelezorudnykh mestorozhdenii. Kiev, Izd-vo Akad. nauk
 USSR. Vol.1.[General problems of the geology of the Krivoy Rog
 Basin. Geology and iron ores of the "Ingulets," Rakhmanovskiy,
 and Il'ich ore deposits] Obshchie voprosy geologii Krivbassa.
 Geologicheskoe stroenie i zheleznye rudy mestorozhdenii rudnikov
 "Ingulets," Rakhmanovskogo i im. Il'icha. 1962. 479 p. Vol.2.[Ge-
 ology and iron ores of the Dzerzhinskiy, Kirov, Liebknecht, October
 Revolution, "Bol'shevik," Frunze, 22d Parts'ezd, Red Guard, and
 Lenin deposits] Geologicheskoe stroenie i zheleznye rudy mestorozhdenii
 im. Dzerzhinskogo, im.Kirova, im.K.Linkenkhta, im.XX parts'ezda, im.
 Krasnoi Gvardii i im.Lenina. 1962. 564 p. (MIRA 16:5)
 (Krivoy Rog Basin--Iron ores)

CHEREDNICHENKO, Aleksandr Ivanovich; SHEVCHENKO, Ye.V., prof., doktor
geol.-mineral. nauk, otv. red.; ZAVIRYUKHINA, V.N. red.

[Tectonophysical conditions governing mineral transformation
in solid rocks.] Tektonofizicheskie uslovia mineral'nykh
preobrazovani v tverdykh gornyykh porodakh. Kiev, Naukova dumka,
1964. 183 p. (Akademiia nauk URSR. Instytut geologichnykh nauk.
Trudy. Seriia geotektoniki, no.15)

(MIRA 17:12)

BURMISTENKO, V.M.; TOKOVENKO, V.S.; CHEREPINICHENKO, A.I.

Artificial iridescence in microcline-perthite. Dokl. AN SSSR 160
no.1:186-188 Ja '65. (MIRA 18:2)

1. Institut geologicheskikh nauk AN UkrSSR. Submitted August 5, 1964.

CHEREDNICHENKO, A.I. [Cherednychenko, O.I.]; BURMISTENKO, V.M.; TOKOVENKO, V.S.

Possible shape of some granite bodies of the Ukrainian Crystalline
Shield. Dop. AN URSR no.7:923-926 '65.

(MIRA 18:8)

1. Institut geologicheskikh nauk AN UkrSSR.

CHEREDNICHENKO, Aleksandr Ivanovich; SHEVCHENKO, Ye.V., prof.
doktor geol.-min. nauk, otv. red.; ZAVIRYUKHINA, V.N.,
red.

[Tectonic and physical conditions governing mineral
transformations in solid rocks] Tektonofizicheskie uslo-
viia mineral'nykh preobrazovani v tverdykh gornyykh po-
rodakh. Kiev, Naukova dumka, 1964. 183 p.

(MIRA 18:8)

ACC NR: AP6034403

SOURCE CODE: UR/0021/66/000/010/1333/1336

AUTHOR: Cherednychenko, O. I.—Cherednichenko, A. I.; Burmistenko, V. M.; Tokovenko, V. S.; Chebanenko, I. I.;

ORG: Institute of Geological Sciences, AN URSR (Instytut heolohichnykh nauk AN URSR)

TITLE: Laboratory simulation of large fractures (lineaments) of the earth

SOURCE: AN UkrRSR. Dopovid1, no. 10, 1966, 1333-1336

TOPIC TAGS: geomorphology, geodynamics, ~~geologic research facilities~~ ^{crustal} fracture, earth crust, ~~tectonics~~

ABSTRACT: This article describes a series of laboratory model experiments on the effect of the earth's rotational stresses and the nature of the resulting crustal deformations. Two systems of fractures along azimuths of 40—45° and 315—320° originated under the effect of rotational stresses. The fractures formed are linear and coincide with principal deep-seated fracture zones of the earth's crust. The experiments corroborate the theoretical principles of the theory of tectogenesis with respect to the importance of the rotational forces of

Card 1/2

ACC NR: AP6034403

the earth during geotectogenesis, as developed by V. G. Bondarchuk, and are in agreement with the conclusions of the Soviet school of geologists as to the importance of deep-seated fractures in the crustal structure. The experiments confirm I. I. Chebanenko's conclusion that the two deep-seated fracture systems—the northwestern and north-eastern—are of primary importance in the structure of the earth's crust. Orig. art. has: 1 figure.

SUB CODE: 08/ SUBM DATE: 27Dec65/ ORIG REF: 004/ ORIG REF: 001

Card 2/2

DEMIDOVICH, Ye.A.; TSYPLAKOV, V.D. [deceased]; CHEREDNICHENKO, A.I.

Increasing the durability of three-high rolling mill rolls.
Metallurg 10 no.3:27-28 Mr '65. (MIRA 18:5)

1. Yenakiyevskiy metallurgicheskiy zavod.

KULIKOV, A G., red.; LEBEDEV, V.G., red.; RAZUMOV, N.A., red.;
CHEREDNICHENKO, A.P., red.

[Economic problems of accelerating technological progress
in industry] Ekonomicheskie problemy uskoreniya tekhnicheskogo
progressa v promyshlennosti. Moskva, Mysl', 1964.
277 p. (MIRA 18:4)

1. Akademiya obshchestvennykh nauk (for Lebedev, Cherednichenko).
2. Nachal'nik tekhnicheskogo upravleniya Soveta narodnogo
khozyaystva Moskovskogo gorodskogo ekonomicheskogo rayona
(for Razumov).

Cherednichenko, A.V.

AID P - 3887

Subject : USSR/Power Eng.

Card 1/1 Pub. 110-a - 8/17

Authors : Kazakevich, F. P., Kand. Tech. Sci., and A. V.
Cherednichenko, Eng. Dnepropetrovsk Railroad Engineer-
ing Institute

Title : Heat transfer and aerodynamic resistance in criss-
crossed tube nests

Periodical : Teploenergetika, 11, 35-37, N 1955

Abstract : Research done on heat transfer and aerodynamic
resistance within Reynolds number limits of 3,000 to
22,000 in tubes of internal combustion motor boilers is
described. A mathematical analysis for computing heat
transfer and aerodynamic resistance is given. Three
figures. Four Russian references, 1954-1955.

Institution : None

Submitted : No date

CHEREDNICHENKO, F.A.; PRISOVSKAYA, G.I.[Prisovs'ka, H.I.];
SKATINSKAYA, O.I.[Skatyns'ka, O.I.]; TSESHKOVSKIY, F.M.
[TSeshkovs'kyi, F.M.], red.; GULENKO, O.I.[Hulenko, O.I.],
tekhn. red.

[Exhibition of plants growing under natural conditions; a
guide] Naturnyi pokaz rosllynnitstva; putivnyk. Kyiv, Derzh.
vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 24 p.

(MIRA 15:3)

1. Kiev. Vystavka peredovoho dosvidu v narodnomu hospodar-
stvi Ukraini'skoi RSR.

(Ukraine--Plants, Cultivated)

CHEREDNICHENKO, G.

Plantings along roads in the Ukraine. Avt. dor. 26 no.2:14-15 F '63.
(MIRA 16:4)

1. Inzhener po oseleneniyu i oformleniyu Upravleniya dporozhnykh
khozaystvom No.2 Ministerstva avtomobil'nogo transporta i shosseynykh
dorog UkrSSR.

(Ukraine--Roadside improvement)

S/065/60/000/006/007/008/XX
E194/E484

AUTHORS: Cherednichenko, G.I., Telyashev, G.G. and Gumerov, Z.Z.

TITLE: The Production of Feed Stock for the Manufacture of Transformer Oil //

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1960,⁵₁ No.6,
pp.24-28 //

TEXT: A group of workers of the Novo-Ufimskiy Refinery have developed and successfully introduced a method of producing narrow cut distillate suitable for the production of transformer oil and which affords the possibility of producing low viscosity oils // grades MC-8 (MS-8) and MC-6 (MS-6). The method of producing transformer oil distillate that was initially used is described. Characteristics of the distillates obtained are given in Table 1 and it will be seen that none of them meet the requirements applicable to transformer oils distillate, which are also given. The distillate was a very broad cut and the yield was low. The refinery then began to manufacture transformer oil feed stock by secondary distillation, the procedure used is described and a schematic diagram of the scheme is shown in Fig.1. With this method the yield was 45 to 55% of the feed stock, the production of the column had to be restricted to 240 tons per day, the quality of

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S/065/60/000/006/007/008/XX
E194/E484

The Production of Feed Stock for the Manufacture of Transformer Oil
the transformer oil distillate was satisfactory but its quantity inadequate. Investigations showed that the upper parts of the first vacuum distillation column were not adequately used and attempts were made to improve the situation both by delivering steam to the lower part of the vacuum column and by raising the inlet temperature of the feed to 415 to 420°C, but good results were not obtained. A new method was then proposed using the circuit shown in Fig.2 in which the topped crude feed was enriched with 300 to 400°C fractions. For this purpose excess of the first oil fraction was used to wash the gas oil trays of the atmospheric distillation column. Conditions became suitable for more complete extraction of the diesel fuel fractions. The quality and fractional composition of the second fraction were stabilized and the flash point raised, the properties of the second fraction are given. In order to obtain transformer oil distillate of suitable viscosity it was necessary to reduce the end boiling point of the diesel fuel. In this way fully satisfactory transformer oil distillate was obtained. At present two plants are using the circuit of Fig.2, satisfactory transformer oil is being



S/065/60/000/006/007/008/XX
E194/E484

The Production of Feed Stock for the Manufacture of Transformer Oil manufactured and an experimental batch of oil grade MS-8 is being produced. The quality of the transformer oil distillate is easily adjusted by altering the final boiling point of the diesel fuel. There are 2 figures and 2 tables.

ASSOCIATION: NU NPZ

Novo-UFIMSKIY NEFTPERERABATYVAYUSHCHIY ZAVOD.

✓

Card 3/3

PARIYSKAYA, L.V.; KOGAN, F.N.; KALACHEVA, A.P.; CHEREDNICHENKO, G.S..
Prinimali uchastiye: PASHNINA, V.I.; KOROBKOVA, T.N.; BURYA-
KOVA, G.I.; AGASHKINA, N.S.; ANTOKHINA, G.N.; ANUROVA, V.Ya.;
BOBINA, M.L.; YERMAKOVA, Z.P.; YEFREMOV, Yu.A.; POLUTSKAYA,
L.G.; SHISHKINA, V.O.; LAPTIYEV, P.P., otv.red.; ROGOVSKAYA,
Ye.G., red.; SERGEYEV, A.N., tekhn.red.

[Agroclimatic reference book on Chita Province] Agroklimati-
cheskii spravochnik po Chitinskoi oblasti. Leningrad, Gidro-
meteor.izd-vo, 1959. 131 p. (MIRA 13:2)

1. Chita. Gidrometeorologicheskaya observatoriya. 2. Starshiy
inzhener-agrometeorolog Chitinskoy gidrometeorologicheskoy
observatorii (for Pariyskaya). 3. Chitinskaya gidrometeorologi-
cheskaya observatoriya (for Kogan, Kalacheva, Cherednichenko).
(Chita Province--Crops and climate)

KLEMPNER, K.S.; CHEREDNICHENKO, I.M.

Stand for testing radiolotope density relays. Izv. tekhn. no. 11:
48-50 N '63. (MIRA 16:12)

L 26676-66 EWT(m) DIAAP

ACC NR: AP6017129

SOURCE CODE: UR/0410/65/000/002/0084/0091

AUTHOR: Klempner, K. S. (Donetsk); Cherednichenko, I. M. (Frunze);
Shumilovskiy, N. N. (Frunze)

ORG: none

TITLE: Design of radioactive isotope instruments in consideration of apparatus errors and statistical characteristics of the input signal

SOURCE: Avtometriya, no. 2, 1965, 84-91

TOPIC TAGS: electric measurement, radioisotope, signal to noise ratio

ABSTRACT: Problems of accuracy in measurements with the aid of radioactive isotope instruments are discussed, in consideration of the statistical characteristics of the input signal and apparatus errors of all types. An accounting is made of apparatus errors, dependent and independent of the intensity of the current being measured. A general expression is developed which connects the error in measurement Δx , sensitivity of method of measurement q and signal to noise ratio z . Conditions of measurement are found at which the maximal signal to noise ratio is to be obtained. It is shown that identical measurement accuracy may be attained by instruments with different apparatus errors by changing the sensitivity of the method of measurement. Orig. art. has: 2 tables, 2 figures, and 25 formulas. [JPRS]

SUB CODE: 14, 09, 18 / SUBM DATE: 02Nov64 / ORIG REF: 006 / OTH REF: 001

Cord 1/1 BKG

UDC: 681.2.088.001.12 : 621.384.2

CHEREDNICHENKO, K.

A city famous the world over. Zhil.-kom. khoz. 11 no.10:6-7 0
'61. (MIRA 15:1)

1. Pervyy sekretar' Stalingradskogo gorodskogo komiteta Kommunisti-
cheskoy partii Sovetskogo Soyuza.
(Volgograd--Municipal services)

CHEREDNICHENKO, K.

The hero-city reborn. Zhil. stroi. no.9:2-4 '62. (MIRA 16:2)

1. Sekretar' Volgogradskogo gorodskogo komiteta Kommunisticheskoy
partii Sovetskogo Soyuza.

(Volgograd—Construction industry)

CHEREDNICHENKO, K.

Give trade the daily attention of party organs. Sov.torg. 36
no.12:5-9 D '62. (MIRA 16:1)

1. Pervyy sekretar' Volgogradskogo gorodskogo komiteta
Kommunisticheskoy partii Sovetskogo Soyusa, Volgograd.
(Volgograd—Retail trade)
(Communist party of the Soviet Union—Party work)

CHEREDNICHENKO, K.

Utilizing the hidden potentialities of labor productivity is a
guarantee of the successful fulfillment of the seven-year plan.
Sots. trud. 8 no.8:11-20 Ag '63. (MIRA 16:8)

1. Pervyy sekretar' Volgogradskogo promyshlennogo oblastnogo
komiteta Kommunisticheskoy partii Sovetskogo Soyuza.
(Industrial organization)
(Communist party of the Soviet Union--Party work)

ZAMYATIN, Yu.V. [Zam'iatin, IU.V.]; ZAKHARIN, Ya.A.; KUTSYKOVICH, M.B.
[Kutsykovych, M.B.]; CHEREDNICHENKO, K.P.

Experimental industrial unit for growing large single crystals
for scintillation counters. Khim. prom. [Ukr.] no.1:43-44 Ja-
Mr '65. (MIRA 18:4)

CHEREDNICHENKO, L. I.

"Some Regularities in the Metastasis of Malignant Tumors," Khirurgiya,
No.3, 1949

Chair Oncology, Ukr. Inst. Adv. Training Physicians
Surgical Clinic, Ukr. Central Roentgeno-Radiological and Oncologic Instl

TIMOSHENKO, I.N.; CHEREDNICHENKO, I.I.

Procurement and storage. Energ.stroi. no.23:142-146 '61.
(MIRA 15:1)

1. Nachal'nik otdela material'no-tekhnicheskogo snabzheniya stroitel'stva Kremenchugskoy gidroelektrostantsii (for Timoshenko).
 2. Zamestitel' nachal'nika otdela material'no-tekhnicheskogo snabzheniya stroitel'stva Kremenchugskoy gidroelektrostantsii (for Cherednichenko).
- (Kremenchug Hydroelectric Power Station--Building materials)

CHEREDNICHENKO, L.I.

✓ Islandite from andesites of Karakub in Donetsk Basin.
L. I. Cherednichenko. (Bass. Ussr). Mineralog. Sbornik,
1968, Geol. Obshchestvo 4, 315-16 (1968). — A chem. analyses
is given. *SE* *SW* Marie Siegrist

CHEREDNYCHENKO, L.I. [Cherednychenko, L.I.]

Basic features of the geomorphology of the lower Dniester region. Dop. AN URSS no.8:1062-1065 '61. (MIRA 14:9)

1. Institut geologicheskikh nauk AN USSR. Predstavleno akademikom AN USSR V.G. Bondarchukom [Bondarchuk, V.H.].
(Dniester Valley--Geomorphology)

CHEREDNICHENKO, L.I. [Cherednychenko, L.I.]

Mineralogy of Quaternary sediments in the Prut Valley. Geol.
zhur. 22 no.3:77-87 '62. (MIRA 15:7)

1. Chernovitskiy gosudarstvennyy universitet.
(Prut Valley--Mineralogy)

CHEREDNICHENKO, L. I. [Cherednychenko, L. I.]

Quaternary sediments of the lower Dniester Valley. Trudy Inst.
geol. nauk. AN URSR. Ser. zah. geol. no.1:27-51 '62.
(MIRA 16:1)

(Dniester Valley—Geology, Stratigraphic)

CHEREDNICHENKO, L.K.

Leukocytic reactions to stimulation at various periods following irradiation. Fiziol. zhur, 46 no. 5:613-617 My '60.

(MIRA 13:12)

1. From the State Research Institute of Occupational Hygiene and Professional Diseases, Leningrad.

(LEUCOCYTOSIS) (LEUCOPENIA)

(RADIATION—PHYSIOLOGICAL EFFECT)

CHEREDNICHENKO, L.K.

Reaction of the irradiated organism to certain functional strains.
Fiziol. zhur. 46 no.10:1276-1281 0 '60; (MIRA 13:11)

1. Nauchno-issledovatel'skiy institut' gigiyeny truda i professional'-
nykh zabolevaniy, Leningrad.
(RADIATION SICKNESS)

ABRAMOVA, Zh.I., kand.med.nauk; BEREZYUK, G.S.; BORSHCHEVSKIY, Yu.M.;
OSMOLOVSKIY, G.M., kand.biol.nauk; CHEREDNICHENKO, L.K., kand.med.nauk

Physicochemical and fibroplastic properties of pyroxenite. Bor'ba
s sil. 5:323-327 '62. (MIRA 16:5)

1. Leningradskiy nauchno-issledovatel'skiy institut gigieny
truda i professional'nykh zabolevaniy.
(PYROXENITE) (DUST—PHYSIOLOGICAL EFFECT)

CHEREDNICHENKO, L.K., starshiy nauchnyy sotrudnik

Effect of lead poisoning on development of experimental atherosclerosis.
Gig. i san. 27 no.3:18-21 Mr '62. (MIRA 15:4)

1. Iz Leningradskogo gosudarstvennogo nauchno-issledovatel'skogo
instituta gigiyeny truda i professional'nykh zabolevaniy.
(LEAD-POISONING) (ARTERIOSCLEROSIS)
(CHOLESTEROL)

L 64043-65 ENG(1)/EWT(1)/FS(v)-3/ENG(v) DD

ACCESSION NR: AP5016665

UR/0385/65/001/003/0234/0238

591.04.044.3+591.128+

591.543.42 : 599.32+612.58

AUTHOR: Cherednichenko, L. K.

TITLE: Heat exchange in hibernants and non-hibernants during recovery from hypothermia

SOURCE: Zhurnal evolyutsionnoy biokhimii i fiziologii, v. 1, no. 3, 1965, 234-238

TOPIC TAGS: heat exchange, hypothermia, hibernation, body temperature, calorimetry

ABSTRACT: The purpose of the work was to study thermogenesis in golden hamsters and rats during recovery from hypothermia by comparing the results of direct and indirect calorimetry. The restoration of body temperature in both groups of animals, which were allowed to warm up naturally after being chilled, occurred in two stages: (1) rapid rise (2) slow rise. There was a marked increase in heat production, especially during the rapid elevation of body temperature, with "direct" heat production higher than the corresponding oxygen consumption. Thereafter, the relations were the reverse, i.e., the level of gas exchange exceeded that of heat pro-

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L 64043-65

ACCESSION NR: AP5016665

duction. This divergence between direct and indirect calorimetry is attributable to different mechanisms, e.g., anoxidative changes in metabolism due to hypoxia caused by chilling of the body whereby the anaerobic processes in the tissues are intensified and the emission of heat is not matched by the consumption of oxygen. Body temperature was restored more quickly in the hamsters than in the rats, for heat production was greater and they emerged from hypothermia sooner. In addition, the divergence between direct and indirect calorimetry was greater in the hamsters. The reason may be that the hibernation of hamsters, which is associated with pronounced hypothermia, is an evolutionary adaption that includes the mechanism of rapid restoration of homeostasis after awakening. On the other hand, rats, non-hibernants, have not adapted to sharp drops in body temperature. They do not have the powerful mechanism of thermogenesis that hamsters do and hence warm up more slowly. Orig. art. has: 2 tables.

ASSOCIATION: Laboratoriya ekologicheskoy fiziologii Instituta fiziologii im. I. P. Pavlova AN SSSR (Laboratory of Ecological Physiology, Institute of Physiology, AN SSSR)

Card 2/3

L 64043-65

ACCESSION NR: AP5016665

SUBMITTED: 21Dec64

ENCL: 00

SUB CODE: LS

NO REF SOV: 011

OTHER: 003

llc
Card 3/3

SLONIM, A.D., otv. red.; CHEREDNICHENKO, L.K., red.; SHCHEGLOVA,
A.I., red.

[Complex behavior forms] Slozhnye formy povedeniia. Mo-
skva, Nauka, 1965. 232 p. (MIRA 18:6)

1. Akademiya nauk SSSR. Ob"yedinennyi nauchnyi sovet
"Fiziologiya cheloveka i zhivotnykh."

CHEREDNICHENKO, Lidiya Kuz'minichna; SLONIM, A.D., otv. red.

[Physiological calorimetry] Fiziologicheskaja kalori-
metriia. Moskva, Nauka, 1965. 134 p. (MIRA 18:9)

USSR / General Problems of Pathology: Tumors. Metabolism.

U-5

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 46872

Author : Rodkina, B.S.; Stytsarkina, T. N.; Cherednichenko, L. M.

Inst : Not given

Title : The Antitoxic Function of the Liver in New Malignant Formations.

Orig Pub : Vrachebn. delo, 1956, No 12, 1273-1276

Abstract : The Quick test points to a weakening of the antitoxic function of the liver in the majority of cancer patients. Especially extensive changes were observed in cases of metastatic cancer.

Card 1/1

RODKINA, B.S.; TSYTSARKINA, T.N.; CHEREDNICHENKO, L.M. (Khar'kov)

Antitoxin function of the liver in cancer. Vrach.delo no.12:
1273-1276 D '56. (MIRA 12:10)

1. Otdel patofiziologii (zav. - zaslushennyy deyatel' nauki,
prof.S.G.Genes) Ukrainskogo instituta eksperimental'noy
endokrinologii i khirurgicheskaya klinika (zav. - zasl.deyatel'
nauki, prof.G.M.Gurevich) Ukrainskogo instituta rentgeno-radio-
onkologii.

(CANCER) (LIVER)

16.5000

37579

S/044/62/000/004/005/099
C111/C444

AUTHOR: Cherednichenko, L. M.

TITLE: The construction of the perspective by aid of homology

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 62,
abstract 4A359. ("Izv. vyssh. uchebn. zavedeniy. Str-vo i
arkhitekt." 1961, no. 5, 159-161)

TEXT: Considered are two homologies: a) Central homologies between the base (design) of the object and the perspective of the base. The center of the homology is on the design of the main beam, and its distance from the resting point in direction of the image is equal to the height of the horizon. b) Affine homologies between the perspective of the base and an auxiliary perspective which with respect to the searched one is displaced below about the level height of the original. The direction of the affinity is orthogonal to the base of the image. The axis of the two homologies is the base of the image. The construction follows according to points of the contours lying in the level planes. The proposed method can bring simplifications for the construction of the perspective, if the object is represented by projections with numerical informations

Card 1/2

The construction of the perspective ...
or by a system of horizontal intersections.

S/044/62/000/004/005/099
C111/C444

f

[Abstracter's note: Complete translation.]

Card 2/2

CHEREDNICHENKO, L.P.

Changes in the interstitial substance of the retina in ocular leprosy.

Vest. oft. 73 no. 2:27-30 Mr-Apr '60.

(MIRA 14:1)

(EYE—DISEASES AND DEFECTS) (LEPROSY)

(RETINA—DISEASES)

CHEREDNICHENKO, L. S., Cand Tech Sci -- (diss) "Investigation of the process of filtration of kaolinic suspensions." Khar'kov, 1960. 19 pp; with diagrams; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Khar'kov Polytechnic Inst im V. I. Lenin; chair of General Chemical Technology and Processes and Apparatus); 160 copies; free; (KL, 51-60, 119)

L 05799-57 JKT/TCH/JT

ACC NR: AP6022451 (AN) SOURCE CODE: UR/0395/66/000/007/0059/0066

AUTHOR: Sokolovskiy, V., (Marshal of the Soviet Union); Cherednichenko, M.,
(Major General)

ORG: none

TITLE: Modern military strategy

SOURCE: Kommunist vooruzhennykh sil, no. 7, 1966, 59-66

TOPIC TAGS: nuclear warfare, military strategy

ABSTRACT: A review of modern concepts of strategy by various American, British, and French authors is presented. which is claimed to justify the preparation of the USSR for defense against sudden attack. The authors state that in the era of thermonuclear weapons, military strategy has become a complex social phenomenon. It includes the theory and practice of warfare and military leadership of the state with regard to the coordinated utilization of the armed forces for the purpose of achieving the aims of a given war. Strategy which ignores the creative activity of the millions in the army and navy is doomed to failure. Military

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ACC NR: AP002251

strategy is related to the social and political structure of the given country. The political leadership of the country determines the military, political, and strategic aims, selects the means and forms of warfare, ensures the fulfilling of the political aims of a war by military and economic means, and mobilizes manpower and material resources. The organization of armed forces and their structure, combat equipment, and weaponry, and the principles upon which the use of armed forces, as a whole, and the specific branches, individually should be based lie in strategic planning. Moreover strategy determines the composition of the armed forces in peace and war, establishes reserves of weapons and combat equipment, including missiles and nuclear weapons, controls the deployment of strategic groups and in wartime provides the armed forces with everything they require. The danger of nuclear attack imposes upon the Soviet Union the necessity of being in a state of constant readiness, the main strategic task being the development of methods of missile and nuclear warfare. These and other new weapons have created the possibility of an immediate attack capable of inflicting enormous devastation in just hours on an enemy's territory. The initial period of missile and nuclear warfare is the time between the start of the war and the achievement of basic military and political aims. It will consist in inflicting a retaliatory nuclear blow

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ACC NR: AP6022451

which would disorganize the aggressor and destroy his economic and military strength. The article goes on to underline the necessity of equipping the armed forces with up-to-date electronic devices. The author discusses the need to involve a wider circle of military specialists with appropriate training in planning the military strategy of the country. [DW]

SUB CODE: 15/ SUBM DATE: none/

Card 3/3 *HL*

SOKOLOVSKIY, V.D., Marshal Sovetskogo Soyuz; BELYAYEV, A.I., polkovnik;
GASTILOVICH, A.I., doktor voyennykh nauk, prof. general-
polkovnik; DENISENKO, V.K., polkovnik; ZAV'YALOV, I.G.,
general-mayor; KOLECHITSKIY, V.V., general-mayor; LARIONOV,
V.V., kand. voyennykh nauk polkovnik; NYRKOV, G.M., polkov-
nik; PAROT'KIN, I.V., kand. voyennykh nauk polkovnik;
PROKHOROV, A.A., general-mayor; POPOV, A.S., polkovnik;
SAL'NIKOV, K.I., polkovnik; SHIMANSKIY, A.N., polkovnik;
CHEREDNICHENKO, M.I., general-mayor; SHCHEGOLEV, A.I., pol-
kovnik; MOROZOV, B.N., polkovnik, red.; KONOVALOVA, Ye.K.,
tekhn. red.

[Military strategy] Voennaya strategiya; Izd.2., ispr. i dop.
Moskva, Voenizdat, 1963. 503 p. (MIRA 16:10)

(Strategy)

USSR/Cultivated Plants - Grains.

M-4

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39233

Author : Cherednichenko, M.S.

Inst : Ukrainian Institute for Socialistic Farming.

Title : Corn Agrotechny in Polesiye, in the Forest - Steppe,
and in the Western Oblast's of the Ukrainian SSR.

Orig Pub : V sb.: Kukuruza v 1955 g. Vyp. 6, M., Sel'khozgiz, 1956,
21-25.

Abstract : The agrotechny of corn growing in Polesye and the Forest-
steppe of Ukraine, developed by the Ukrainian Institute
for Socialistic Farming, is described in this paper.
The experiment which consists of obtaining high yields of
corn in the northern regions of Ukraine by utilizing high-
yielding capacity, early ripening varieties and corn hy-
brids is also described in this paper. -- Ye.T. Zhukove-
kaya

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